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(54) METHOD FOR CONTROLLING CURING PERIOD OF CALCIUM PHOSPHATE CEMENT

(57)Abstract:

PURPOSE: To make it possible to properly adjust curing period of calcium phosphate cement by adjusting the quantity of calcium quaternary phosphate and/or α -calcium tertiary phosphate which are mixed together by grinding in calcium phosphate cement for medical use.

CONSTITUTION: Calcium phosphate cement which is utilized as cement for orthopedic surgery such as filling material for break and void of a bone, or cement for dental surgery such as relining agent is prepared from mixed powder of calcium secondary phosphate and calcium quaternary phosphate and/or α -calcium tertiary phosphate. In this case, when the total amount of calcium secondary phosphate and calcium quaternary phosphate and/or α -calcium tertiary phosphate are mixed by grinding, by adjusting the amount of the calcium quaternary phosphate and/or α -calcium tertiary phosphate to be mixed by grinding, curing period of the calcium phosphate cement is controlled.

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